

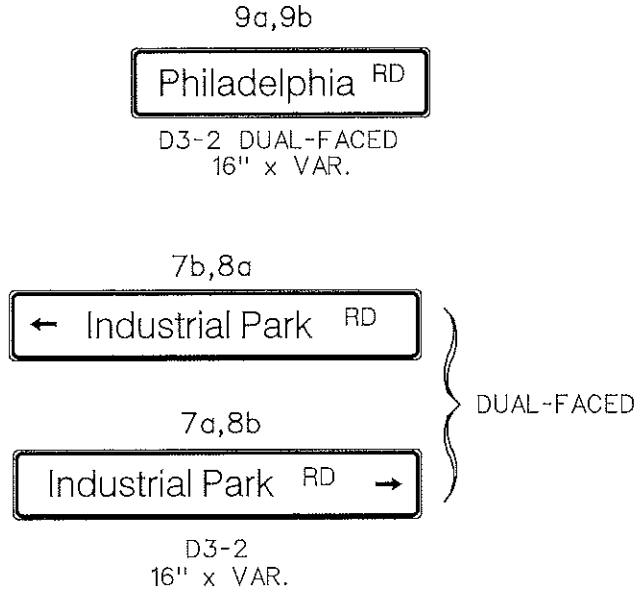
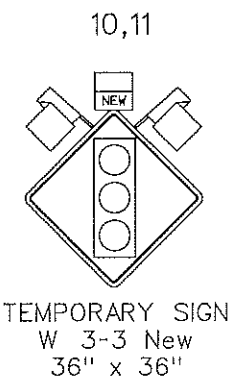
FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

SIGNS

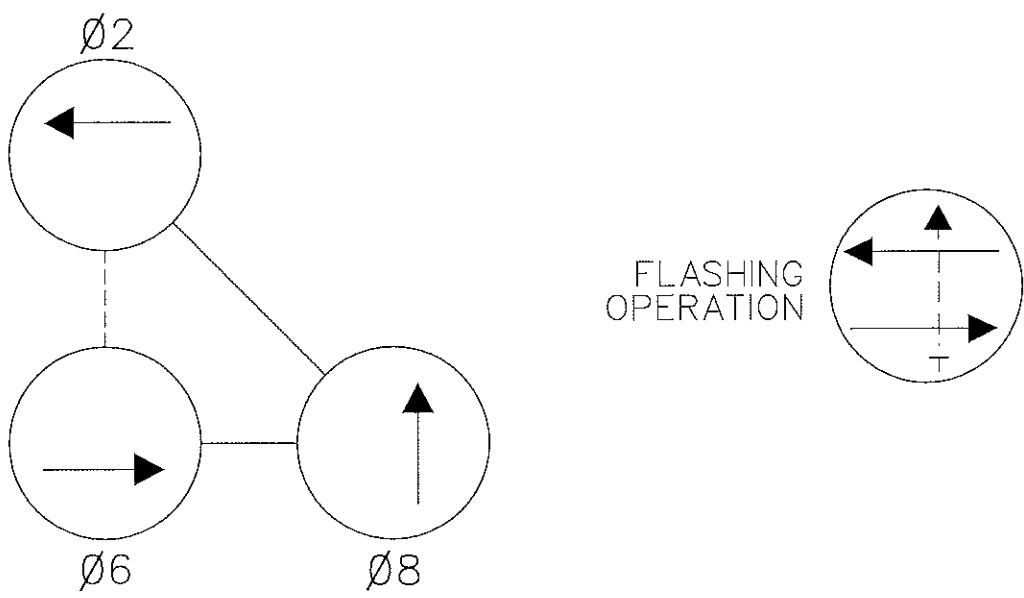
SIGNALS

NEMA PHASING

POLE SCHEDULE (Q OF MD 7)	
POLE/CAB.	LOCATION
I	15 + 22 LT. 49'
II	15 + 22 RT. 45'
III	13 + 98 RT. 49'
IV	13 + 99 LT. 49'
V	14 + 03 RT. 53'
NOTE: LT. - NORTH OF MD 7, RT. - SOUTH OF MD 7	

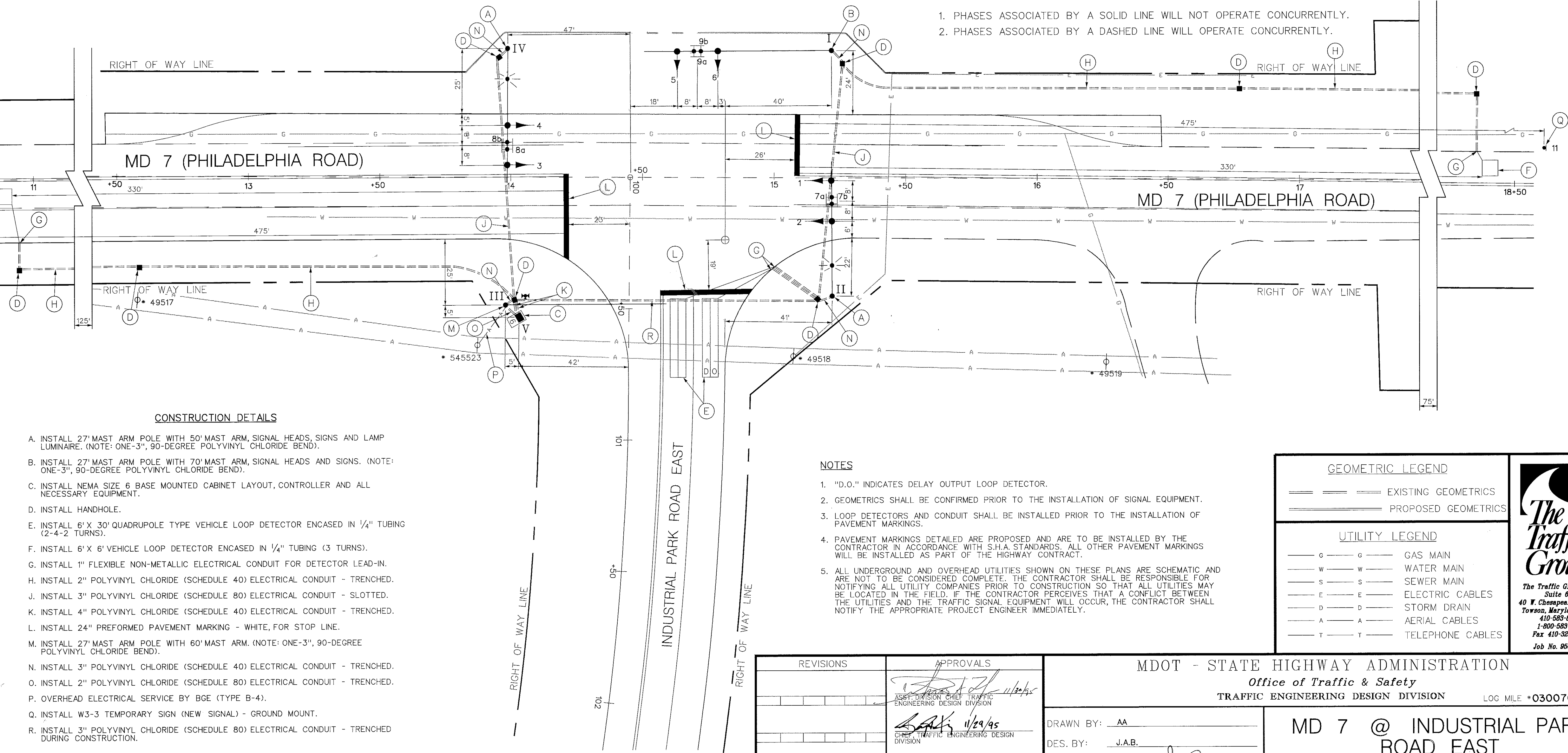


1-6
R
Y
G
12"



PHASING NOTES

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. INSTALL 27' MAST ARM POLE WITH 50' MAST ARM, SIGNAL HEADS, SIGNS AND LAMP LUMINAIRE. (NOTE: ONE-3", 90-DEGREE POLYVINYL CHLORIDE BEND).
- B. INSTALL 27' MAST ARM POLE WITH 70' MAST ARM, SIGNAL HEADS AND SIGNS. (NOTE: ONE-3", 90-DEGREE POLYVINYL CHLORIDE BEND).
- C. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET LAYOUT, CONTROLLER AND ALL NECESSARY EQUIPMENT.
- D. INSTALL HANDHOLE.
- E. INSTALL 6' X 30' QUADRUPOLE TYPE VEHICLE LOOP DETECTOR ENCASED IN 1/4" TUBING (2-4-2 TURNS).
- F. INSTALL 6' X 6' VEHICLE LOOP DETECTOR ENCASED IN 1/4" TUBING (3 TURNS).
- G. INSTALL 1" FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT FOR DETECTOR LEAD-IN.
- H. INSTALL 2" POLYVINYL CHLORIDE (SCHEDULE 40) ELECTRICAL CONDUIT - TRENCHED.
- J. INSTALL 3" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - SLOTTED.
- K. INSTALL 4" POLYVINYL CHLORIDE (SCHEDULE 40) ELECTRICAL CONDUIT - TRENCHED.
- L. INSTALL 24" PREFORMED PAVEMENT MARKING - WHITE, FOR STOP LINE.
- M. INSTALL 27' MAST ARM POLE WITH 60' MAST ARM. (NOTE: ONE-3", 90-DEGREE POLYVINYL CHLORIDE BEND).
- N. INSTALL 3" POLYVINYL CHLORIDE (SCHEDULE 40) ELECTRICAL CONDUIT - TRENCHED.
- O. INSTALL 2" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.
- P. OVERHEAD ELECTRICAL SERVICE BY BGE (TYPE B-4).
- Q. INSTALL W3-3 TEMPORARY SIGN (NEW SIGNAL) - GROUND MOUNT.
- R. INSTALL 3" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED DURING CONSTRUCTION.

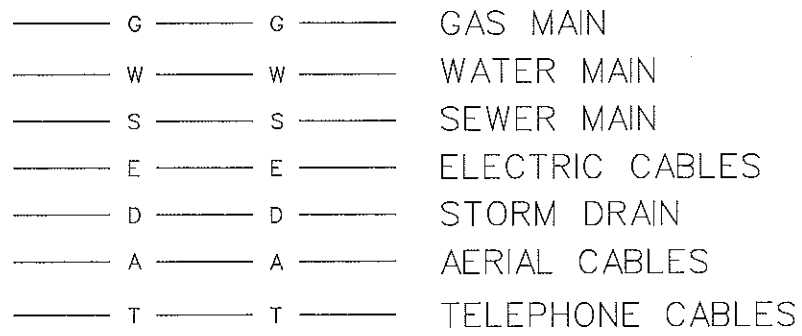
NOTES

1. "D.O." INDICATES DELAY OUTPUT LOOP DETECTOR.
2. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
4. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. ALL OTHER PAVEMENT MARKINGS WILL BE INSTALLED AS PART OF THE HIGHWAY CONTRACT.
5. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

GEOMETRIC LEGEND



UTILITY LEGEND



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The Traffic Group, Inc.
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Towson, Maryland 21204
410-583-8405
1-800-583-8411
Fax 410-321-8458
Job No. 950808-03

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE #0300706.62

MD 7 @ INDUSTRIAL PARK
ROAD EAST

COUNTY: BALTIMORE

DRAWN BY: AA
DES. BY: J.A.B.
CHK. BY: [Signature]

DATE: 09-26-95 F.A.P. NO. TS/STD. NO. 3561-P SHEET NO. 49 OF 66
SCALE: 1" = 20' S.H.A. NO. BW 813-802-412

REVISIONS	APPROVALS
	[Signature] 11/29/95 ASST. DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	[Signature] 11/29/95 CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	[Signature] 11/30/95 ASST. DISTRICT ENGINEER - TRAFFIC
	[Signature] 11/30/95 DIRECTOR, OFFICE OF TRAFFIC & SAFETY

BALTIMORE COUNTY		JOB ORDER NO.		DWG. NO.		POSITION SHEET		CONTRACT NO.	
				951449		29 NE 33		95255 RXO	
						KEY SHEET			
						MSE		DISTRICT 11C5	